

IN THE CLAIMS

1-39. (cancelled)

40. (new) A fused disconnect switch comprising:

a fuse configured to open an electrical circuit therethrough upon an occurrence of a predetermined current condition;

a switch housing assembly comprising a housing, said housing defining a fuse receptacle configured to receive said fuse, said housing having a first contact assembly and a second contact assembly establishing an electrical connection through said fuse when said fuse is received in said receptacle;

an open fuse indication device electrically connected in parallel with said fuse, said open fuse indication device removable from said switch housing assembly as said fuse is removed from said fuse receptacle; and

an alarm terminal output in communication with said open fuse indication device when said open fuse indication device is inserted into said receptacle.

41. (new) A fused disconnect switch assembly in accordance with Claim 40 wherein one of said first and second contact assemblies comprises a bullet contact assembly.

42. (new) A fused disconnect switch assembly in accordance with Claim 40 wherein one of said first and second contact assemblies comprises a box contact assembly.

43. (new) A fused disconnect switch assembly in accordance with Claim 40 wherein one of said first and second contact assemblies comprises a terminal stud.

44. (new) A fused disconnect switch assembly in accordance with Claim 43 further comprising a common bus bar coupled to said terminal stud.

45. (new) A fused disconnect switch assembly in accordance with Claim 40 wherein said open fuse indication device comprises a high resistance electronic circuit.

46. (new) A fused disconnect switch assembly comprising:

a pull out fuse assembly comprising a fuse having a primary fuse element therein, and an open fuse indication device mechanically coupled to said fuse; and

a switch housing assembly for receiving said pull out fuse assembly, said switch housing assembly comprising:

a housing comprising a fuse receptacle;

a first terminal contact assembly in communication with said fuse receptacle, said first terminal contact assembly establishing a line side electrical connection through said primary fuse link when said pull out fuse assembly is inserted into said fuse receptacle;

a second terminal contact assembly in communication with said fuse receptacle, said second terminal contact assembly establishing a load side electrical connection through said primary fuse link when said pull out fuse assembly is inserted into said fuse receptacle, said pull out fuse assembly located within said fuse receptacle when connected to said fuse receptacle to facilitate visual local fuse state indication with said open fuse indication device; and

a remote output alarm terminal extending through said housing and communicating a signal from said open circuit indication device for remote indication of an open fuse condition.

47. (new) A fused disconnect switch assembly in accordance with Claim 46 wherein at least one of said first and second terminal contact assemblies comprises a bullet contact assembly.

48. (new) A fused disconnect switch assembly in accordance with Claim 46 wherein at least one of said first and second terminal contact assemblies comprises a box contact assembly.

49. (new) A fused disconnect switch assembly in accordance with Claim 46 wherein at least one of said first and second terminal contact assemblies comprises a terminal stud.

50. (new) A fused disconnect switch assembly in accordance with Claim 46, said housing further comprising a DIN rail latch.

51. (new) A fused disconnect switch assembly in accordance with Claim 46 further comprising a common bus bar extending from one of said first and second terminal contact assemblies.

52. (new) A fused disconnect switch assembly in accordance with Claim 46 wherein said open fuse indication devices comprises a high resistance electronic circuit.

53. (new) A fused disconnect switch assembly comprising:

a pull out fuse assembly comprising a housing, a fuse element within said housing extending between a line side conducting portion and a load side conducting portion, and an open fuse indication device connected between said line side conducting portion and said load side conducting portion and configured to visually indicate a state of said fuse element; and

a switch housing assembly comprising a housing defining a fuse receptacle for receiving said pull out fuse assembly, and at least a first terminal contact assembly comprising a bullet contact assembly for connection to external circuitry.

54. (new) A fused disconnect switch assembly in accordance with Claim 53, said switch housing assembly further comprising a second terminal contact assembly, said alarm terminal output positioned between said first terminal contact assembly and said second terminal contact assembly.

55. (new) A fused disconnect switch assembly comprising:

a pull out fuse assembly comprising a pair of opposed conductive elements and a fuse element extending therebetween; and

a switch housing assembly comprising a housing configured for receiving said fuse assembly and a pair of switchable terminal contacts therein for engaging said pair of conductive elements, wherein at least one of said terminal contacts comprises a bullet contact assembly.

56. (new) A fused disconnect switch assembly comprising:

a switch housing assembly comprising a receptacle and a pair of switchable terminal contacts proximate said receptacle;

a pull out fuse comprising a primary fuse element, said pull out fuse removably insertable into said receptacle; and

a pull out open circuit indication device connected to said primary fuse element, said pull out open circuit indication device removably insertable into said receptacle.

57. (new) A fused disconnect switch assembly comprising:

a switch housing assembly comprising a receptacle and at least one bullet contact assembly; and

a pull out fuse comprising a primary fuse element, said pull out fuse removably insertable into said receptacle.